Security:  Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:				3-5/8% 30-Year TIPS TIPS of April 2028 912810FD5 April 15, 1998 April 15, 1998 July 15, 1998 April 15, 2028 161.74000	3-7/8% 30-Year TIPS TIPS of April 2029 912810FH6 April 15, 1999 April 15, 1999 October 15, 1999 October 16, 2000 April 15, 2029 164.39333	3-3/8% 30-1/2-Year TIPS TIPS of April 2032 912810FQ6 October 15, 2001 October 15, 2001 April 15, 2032 177.50000	2-3/8% 20-1/2-Year TIPS TIPS of January 202: 912810FR4 July 15, 2004 July 30, 2004 January 31, 2005 July 29, 2005 January 15, 2025 188.49677
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
T 1	1 (	2010	250.54600	1.54007	1.50406	1 41152	1 22010
July		2018	250.54600	1.54907	1.52406	1.41153	1.32918
July		2018	250.57961	1.54927 1.54948	1.52427 1.52447	1.41172	1.32936 1.32954
July		2018	250.61323			1.41191	
July		2018	250.64684	1.54969	1.52468	1.41209	1.32971
July		2018	250.68045	1.54990	1.52488	1.41228	1.32989
July		2018	250.71406	1.55011	1.52509	1.41247	1.33007
July		2018	250.74768	1.55031	1.52529	1.41266	1.33025
July		2018	250.78129	1.55052	1.52550	1.41285	1.33043
July		2018	250.81490	1.55073	1.52570	1.41304	1.33061
July		2018	250.84852	1.55094	1.52590	1.41323	1.33078
July		2018	250.88213	1.55114	1.52611	1.41342	1.33096
July		2018	250.91574	1.55135	1.52631	1.41361	1.33114
July		2018	250.94935	1.55156	1.52652	1.41380	1.33132
July		2018	250.98297	1.55177	1.52672	1.41399	1.33150
July		2018	251.01658	1.55198	1.52693	1.41418	1.33168
July		2018	251.05019	1.55218	1.52713	1.41437	1.33185
July		2018	251.08381	1.55239	1.52734	1.41456	1.33203
July		2018	251.11742	1.55260	1.52754	1.41475	1.33221
July		2018	251.15103	1.55281	1.52774	1.41494	1.33239
July		2018	251.18465	1.55302	1.52795	1.41512	1.33257
July		2018	251.21826	1.55322	1.52815	1.41531	1.33275
July		2018	251.25187	1.55343	1.52836	1.41550	1.33292
July		2018	251.28548	1.55364	1.52856	1.41569	1.33310
July		2018	251.31910	1.55385	1.52877	1.41588	1.33328
July		2018	251.35271	1.55405	1.52897	1.41607	1.33346
July		2018	251.38632	1.55426	1.52918	1.41626	1.33364
July		2018	251.41994	1.55447	1.52938	1.41645	1.33382
July		2018	251.45355	1.55468	1.52958	1.41664	1.33399
July		2018	251.48716	1.55489	1.52979	1.41683	1.33417
July		2018	251.52077	1.55509	1.52999	1.41702	1.33435
July	31 2	2018	251.55439	1.55530	1.53020	1.41721	1.33453
CPLU	NSA) for:		March 2018	249,554	April 2018 250.546	May 2018	251.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:			2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006 January 15, 2026 198.47742	2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007 January 15, 2027 201.66452	1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008 January 15, 2028 209.49645	1-3/8% 10-Year TIPS Series D-2018 912828JE1 July 15, 2008 July 15, 2008 October 15, 2008 July 15, 2018 215.63997
Date		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July         1           July         2           July         3           July         4           July         6           July         7           July         8           July         9           July         10           July         11           July         12           July         13           July         14           July         15           July         16           July         17           July         19           July         20           July         21           July         22           July         23           July         24           July         25           July         26           July         28           July         29           July         30	2018 2018 2018 2018 2018 2018 2018 2018	250.54600 250.57961 250.61323 250.64684 250.68045 250.74768 250.74768 250.78129 250.84852 250.88213 250.91574 250.98297 251.01658 251.05019 251.08381 251.1742 251.15103 251.18465 251.21826 251.25187 251.28548 251.31910 251.35271 251.38632 251.41994 251.45355 251.48716 251.52077	1.26234 1.26251 1.26268 1.26285 1.26302 1.26319 1.26336 1.26353 1.26369 1.26386 1.26420 1.26437 1.26454 1.26471 1.26488 1.26505 1.26522 1.26539 1.26556 1.26573 1.26590 1.26607 1.26624 1.26640 1.26657 1.26674 1.26691 1.26708 1.26725	1.24239 1.24256 1.24272 1.24289 1.24306 1.24322 1.24339 1.24356 1.24372 1.24389 1.24406 1.24422 1.24439 1.24456 1.24472 1.24489 1.24506 1.24522 1.24539 1.24556 1.24572 1.24589 1.24606 1.24622 1.24639 1.24656 1.24672 1.24689 1.24706 1.24722	1.19594 1.19610 1.19626 1.19643 1.19659 1.19675 1.19691 1.19707 1.19723 1.19739 1.19755 1.19771 1.19787 1.19803 1.19819 1.19835 1.19851 1.19867 1.19883 1.19899 1.19915 1.19931 1.19947 1.19963 1.19979 1.19996 1.20012 1.20028 1.20044 1.20060	1.16187 1.16203 1.16218 1.16234 1.16250 1.16265 1.16281 1.16296 1.16312 1.16327 1.16343 1.16359 1.16374 1.16390 1.16405

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				2-1/8% 10-Year TIPS Series A-2019 912828JX9 January 15, 2009 January 15, 2009 April 15, 2009 January 15, 2019 214.69971	2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971	1-7/8% 10-Year TIPS Series D-2019 912828LA6 July 15, 2009 July 15, 2009 October 15, 2009 July 15, 2019 213.51819	1-3/8% 10-Year TIP Series A-2020 912828MF4 January 15, 2010 January 15, 2010 April 15, 2010 January 15, 2020 216.24610
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2018	250.54600	1.16696	1.16696	1.17342	1.15862
July	2	2018	250.57961	1.16712	1.16712	1.17358	1.15877
July	3	2018	250.61323	1.16727	1.16727	1.17373	1.15893
July	4	2018	250.64684	1.16743	1.16743	1.17389	1.15908
July	5	2018	250.68045	1.16759	1.16759	1.17405	1.15924
July	6	2018	250.71406	1.16774	1.16774	1.17420	1.15939
July	7	2018	250.74768	1.16790	1.16790	1.17426	1.15955
July	8	2018	250.78129	1.16806	1.16806	1.17452	1.15970
July	9	2018	250.81490	1.16821	1.16821	1.17468	1.15986
July	10	2018	250.84852	1.16837	1.16837	1.17483	1.16001
July	11	2018	250.88213	1.16853	1.16853	1.17499	1.16017
July	12	2018	250.91574	1.16868	1.16868	1.17515	1.16032
July	13	2018	250.94935	1.16884	1.16884	1.17531	1.16048
July	14	2018	250.98297	1.16900	1.16900	1.17546	1.16064
July	15	2018	251.01658	1.16915	1.16915	1.17562	1.16079
July	16	2018	251.05019	1.16931	1.16931	1.17578	1.16095
July	17	2018	251.08381	1.16947	1.16947	1.17594	1.16110
July	18	2018	251.11742	1.16962	1.16962	1.17609	1.16126
July	19	2018	251.15103	1.16978	1.16978	1.17625	1.16141
July	20	2018	251.18465	1.16993	1.16993	1.17641	1.16157
July	21	2018	251.21826	1.17009	1.17009	1.17657	1.16172
July	22	2018	251.25187	1.17025	1.17025	1.17672	1.16188
July	23	2018	251.28548	1.17040	1.17040	1.17688	1.16203
July	24	2018	251.31910	1.17056	1.17056	1.17704	1.16219
July	25	2018	251.35271	1.17072	1.17072	1.17720	1.16235
July	26	2018	251.38632	1.17087	1.17087	1.17735	1.16250
July	27	2018	251.41994	1.17103	1.17103	1.17751	1.16266
July	28	2018	251.45355	1.17119	1.17119	1.17767	1.16281
July	29	2018	251.48716	1.17134	1.17134	1.17783	1.16297
July	30	2018	251.52077	1.17150	1.17150	1.17798	1.16312
July	31	2018	251.55439	1.17166	1.17166	1.17814	1.16328

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:			2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010 February 15, 2040 216.13950	1-1/4% 10-Year TIPS Series D-2020 912828NM8 July 15, 2010 July 15, 2010 September 15, 2010 November 15, 2010 July 15, 2020 218.08532	1-1/8% 10-Year TIPS Series A-2021 912828PP9 January 15, 2011 January 31, 2011 March 31, 2011 May 31, 2011 January 15, 2021 218.75255	2-1/8% 30-Year TIPS TIPS of February 204 912810QP6 February 15, 2011 February 28, 2011 June 30, 2011 October 31, 2011 February 15, 2041 218.99100
Da	te	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 20:	250.54600	1.15919	1.14884	1.14534	1.14409
July	2 201		1.15934	1.14900	1.14549	1.14425
July	3 201	I	1.15950	1.14915	1.14565	1.14440
July	4 201	250.64684	1.15965	1.14931	1.14580	1.14455
July	5 201	250.68045	1.15981	1.14946	1.14595	1.14471
July	6 201	250.71406	1.15996	1.14961	1.14611	1.14486
July	7 201	250.74768	1.16012	1.14977	1.14626	1.14501
July	8 201	250.78129	1.16028	1.14992	1.14642	1.14517
July	9 201	250.81490	1.16043	1.15008	1.14657	1.14532
July	10 201	250.84852	1.16059	1.15023	1.14672	1.14547
July	11 201	250.88213	1.16074	1.15039	1.14688	1.14563
July	12 201	I	1.16090	1.15054	1.14703	1.14578
July	13 201	l l	1.16105	1.15069	1.14718	1.14593
July	14 201	I	1.16121	1.15085	1.14734	1.14609
July	15 201		1.16136	1.15100	1.14749	1.14624
July	16 201		1.16152	1.15116	1.14764	1.14640
July	17 201		1.16167	1.15131	1.14780	1.14655
July	18 201		1.16183	1.15146	1.14795	1.14670
July	19 201		1.16199	1.15162	1.14811	1.14686
July	20 201		1.16214	1.15177	1.14826	1.14701
July	21 201		1.16230	1.15193	1.14841	1.14716
July	22 201		1.16245	1.15208	1.14857	1.14732
July	23 201		1.16261	1.15223	1.14872	1.14747
July	24 201		1.16276	1.15239	1.14887	1.14762
July	25 201		1.16292	1.15254	1.14903	1.14778
July	26 201		1.16307	1.15270	1.14918	1.14793
July July	27 201 28 201		1.16323 1.16339	1.15285 1.15301	1.14933 1.14949	1.14808 1.14824
July July	28 201	l l	1.16354	1.15301	1.14949	1.14824
July July	30 201		1.16370	1.15316	1.14964	1.14854
-		I				
July	31 201 NSA) for:	I	1.16385	1.15347 April 2018 250.546	1.14995	1.14870

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:			0-5/8% 10-Year TIPS Series D-2021 912828QV5 July 15, 2011 July 29, 2011 September 30, 2011 November 30, 2011 July 15, 2021 225.38381	0-1/8% 10-Year TIPS Series A-2022 912828SA9 January 15, 2012 January 31, 2012 March 30, 2012 May 31, 2012 January 15, 2022 226.33474	0-3/4% 30-Year TIPS TIPS of February 2042 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 October 31, 2012 February 15, 2042 225,96062	0-1/8% 10-Year TIP: Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012 July 15, 2022 229.96306
D	ate	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2018	250.54600	1.11164	1.10697	1.10880	1.08951
July	2 2018	250.57961	1.11179	1.10712	1.10895	1.08965
July	3 2018	250.61323	1.11194	1.10727	1.10910	1.08980
July	4 2018	250.64684	1.11209	1.10742	1.10925	1.08994
July	5 2018	250.68045	1.11224	1.10757	1.10940	1.09009
July	6 2018	250.71406	1.11239	1.10771	1.10955	1.09024
July	7 2018	250.74768	1.11254	1.10786	1.10970	1.09038
July	8 2018	250.78129	1.11269	1.10801	1.10985	1.09053
July	9 2018	250.81490	1.11283	1.10816	1.10999	1.09067
July	10 2018	250.84852	1.11298	1.10831	1.11014	1.09082
July	11 2018	250.88213	1.11313	1.10846	1.11029	1.09097
July	12 2018	250.91574	1.11328	1.10860	1.11044	1.09111
July	13 2018	250.94935	1.11343	1.10875	1.11059	1.09126
July	14 2018	250.98297	1.11358	1.10890	1.11074	1.09141
July	15 2018	251.01658	1.11373	1.10905	1.11089	1.09155
July	16 2018	251.05019	1.11388	1.10920	1.11104	1.09170
July	17 2018	251.08381	1.11403	1.10935	1.11118	1.09184
July	18 2018	251.11742	1.11418	1.10950	1.11133	1.09199
July	19 2018	251.15103	1.11433	1.10964	1.11148	1.09214
July	20 2018	251.18465	1.11448	1.10979	1.11163	1.09228
July	21 2018	251.21826	1.11462	1.10994	1.11178	1.09243
July	22 2018	251.25187	1.11477	1.11009	1.11193	1.09257
July	23 2018	251.28548	1.11492	1.11024	1.11208	1.09272
July	24 2018	251.31910	1.11507	1.11039	1.11223	1.09287
July	25 2018	251.35271	1.11522	1.11054	1.11237	1.09301
July	26 2018	251.38632	1.11537	1.11068	1.11252	1.09316
July	27 2018	251.41994	1.11552	1.11083	1.11267	1.09331
July	28 2018	251.45355	1.11567	1.11098	1.11282	1.09345
July	29 2018	251.48716	1.11582	1.11113	1.11297	1.09360
July	30 2018	251.52077	1.11597	1.11128	1.11312	1.09374
July	31 2018	251.55439	1.11612	1.11143	1.11327	1.09389
CPI-U	(NSA) for:	March 2018	249.554	April 2018 250.546	May 2018 2	51.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:			0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013 January 15, 2023 230.82203	0-5/8% 30-Year TIPS TIPS of February 2043 912810RA8 February 15, 2013 February 28, 2013 June 28, 2013 October 31, 2013 February 15, 2043 229,91100	0-3/8% 10-Year TIPS Series D-2023 912828VM9 July 15, 2013 July 31, 2013 September 30, 2013 November 29, 2013 July 15, 2023 232.71797	0-5/8% 10-Year TIF Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014 January 15, 2024 233.33058
Da	nte	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2018	250.54600	1.08545	1.08975	1.07661	1.07378
July	2 2018	250.57961	1.08560	1.08990	1.07675	1.07393
July	3 2018	250.61323	1.08574	1.09004	1.07690	1.07407
July	4 2018	250.64684	1.08589	1.09019	1.07704	1.07421
July	5 2018	250.68045	1.08603	1.09034	1.07719	1.07436
July	6 2018	250.71406	1.08618	1.09048	1.07733	1.07450
July	7 2018	250.74768	1.08632	1.09063	1.07747	1.07465
July	8 2018	250.78129	1.08647	1.09078	1.07762	1.07479
July	9 2018	250.81490	1.08662	1.09092	1.07776	1.07493
July	10 2018	250.84852	1.08676	1.09107	1.07791	1.07508
July	11 2018	250.88213	1.08691	1.09121	1.07805	1.07522
July	12 2018	250.91574	1.08705	1.09136	1.07820	1.07537
July	13 2018	250.94935	1.08720	1.09151	1.07834	1.07551
July	14 2018	250.98297	1.08734	1.09165	1.07849	1.07565
July	15 2018	251.01658	1.08749	1.09180	1.07863	1.07580
July	16 2018	251.05019	1.08764	1.09195	1.07877	1.07594
July	17 2018	251.08381	1.08778	1.09209	1.07892	1.07609
July	18 2018	251.11742	1.08793	1.09224	1.07906	1.07623
July	19 2018	251.15103	1.08807	1.09238	1.07921	1.07637
July	20 2018	251.18465	1.08822	1.09253	1.07935	1.07652
July	21 2018	251.21826	1.08836	1.09268	1.07950	1.07666
July	22 2018	251.25187	1.08851	1.09282	1.07964	1.07681
July	23 2018	251.28548	1.08865	1.09297	1.07979	1.07695
July	24 2018	251.31910	1.08880	1.09311	1.07993	1.07709
July	25 2018	251.35271	1.08895	1.09326	1.08007	1.07724
July	26 2018	251.38632	1.08909	1.09341	1.08022	1.07738
July	27 2018	251.41994	1.08924	1.09355	1.08036	1.07753
July	28 2018	251.45355	1.08938	1.09370	1.08051	1.07767
July	29 2018	251.48716	1.08953	1.09385	1.08065	1.07781
July	30 2018	251.52077	1.08967	1.09399	1.08080	1.07796
July	31 2018	251.55439	1.08982	1.09414	1.08094	1.07810
CDI II.	NSA) for:	March 2018	249.554	April 2018 250.546	May 2018 2	251.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:				1-3/8% 30-Year TIPS TIPS of February 2044 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014 February 15, 2044 233.05900	0-1/8% 5-Year TIPS Series X-2019 912828C99 April 15, 2014 April 30, 2014 August 29, 2014 December 31, 2014 April 15, 2019 234.31967	0-1/8% 10-Year TIPS Series D-2024 912828WU0 July 15, 2014 July 31, 2014 September 30, 2014 November 28, 2014 July 15, 2024 237.44594	0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015 January 15, 2025 236.85403
Da	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2018	250.54600	1.07503	1.06925	1.05517	1.05781
•	2	2018	250.57961	1.07518	1.06923	1.05531	1.05781
July July	3	2018	250.61323	1.07532	1.06954	1.05545	1.05793
July	4	2018	250.64684	1.07547	1.06968	1.05560	1.05823
July	5	2018	250.68045	1.07561	1.06982	1.05574	1.05838
July	6	2018	250.71406	1.07575	1.06997	1.05588	1.05852
July	7	2018	250.74768	1.07573	1.07011	1.05602	1.05866
July	8	2018	250.78129	1.07604	1.07025	1.05616	1.05880
July	9	2018	250.78129	1.07619	1.07040	1.05630	1.05894
July	10	2018	250.84852	1.07633	1.07054	1.05644	1.05908
July	10	2018	250.88213	1.07647	1.07068	1.05659	1.05908
July	12	2018	250.88213	1.07662	1.07083	1.05673	1.05937
July	13	2018	250.94935	1.07676	1.07097	1.05687	1.05951
July	14	2018	250.98297	1.07691	1.07111	1.05701	1.05965
July	15	2018	251.01658	1.07705	1.07111	1.05701	1.05979
July	16	2018	251.05019	1.07720	1.07140	1.05729	1.05994
July	17	2018	251.08381	1.07734	1.07154	1.05744	1.06008
July	18	2018	251.00381	1.07748	1.07169	1.05758	1.06022
July	19	2018	251.15103	1.07763	1.07183	1.05772	1.06036
July	20	2018	251.18465	1.07777	1.07197	1.05786	1.06050
July	21	2018	251.18465	1.07777	1.07212	1.05800	1.06065
July	22	2018	251.25187	1.07806	1.07212	1.05814	1.06079
July	23	2018	251.28548	1.07821	1.07240	1.05829	1.06079
July	24	2018	251.26546	1.07835	1.07255	1.05843	1.06107
July	25	2018	251.35271	1.07849	1.07269	1.05857	1.06121
July	26	2018	251.38632	1.07864	1.07283	1.05871	1.06136
July	27	2018	251.41994	1.07878	1.07298	1.05885	1.06150
July	28	2018	251.45355	1.07893	1.07312	1.05899	1.06164
July	29	2018	251.48716	1.07907	1.07327	1.05913	1.06178
July	30	2018	251.52077	1.07922	1.07341	1.05928	1.06192
July	31	2018	251.55439	1.07936	1.07355	1.05942	1.06207
CPI-U	(NSA) for:		March 2018	249.554	April 2018 250.546	May 2018 2	<u> </u> 51.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:			0-3/4% 30-Year TIPS TIPS of February 2045 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015 February 15, 2045 235.48150	0-1/8% 5-Year TIPS Series X-2020 912828K33 April 15, 2015 April 30, 2015 August 31, 2015 December 31, 2015 April 15, 2020 234.18067	0-3/8% 10-Year TIPS Series D-2025 912828XL9 July 15, 2015 July 31, 2015 September 30, 2015 November 30, 2015 July 15, 2025 237.14365	0-5/8% 10-Year TH Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016 January 15, 2026 237.61129
Da	ate	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2018	250.54600	1.06397	1.06988	1.05652	1.05444
July	2 2018	250.57961	1.06412	1.07003	1.05666	1.05458
July	3 2018	250.61323	1.06426	1.07017	1.05680	1.05472
July	4 2018	250.64684	1.06440	1.07031	1.05694	1.05486
July	5 2018	250.68045	1.06454	1.07046	1.05708	1.05500
July	6 2018	250.71406	1.06469	1.07060	1.05722	1.05514
July	7 2018	250.74768	1.06483	1.07074	1.05737	1.05529
July	8 2018	250.78129	1.06497	1.07089	1.05751	1.05543
July	9 2018	250.81490	1.06512	1.07103	1.05765	1.05557
July	10 2018	250.84852	1.06526	1.07118	1.05779	1.05571
July	11 2018	250.88213	1.06540	1.07132	1.05793	1.05585
July	12 2018	250.91574	1.06554	1.07146	1.05807	1.05599
July	13 2018	250.94935	1.06569	1.07161	1.05822	1.05613
July	14 2018	250.98297	1.06583	1.07175	1.05836	1.05628
July	15 2018	251.01658	1.06597	1.07189	1.05850	1.05642
July	16 2018	251.05019	1.06611	1.07204	1.05864	1.05656
July	17 2018	251.08381	1.06626	1.07218	1.05878	1.05670
July	18 2018	251.11742	1.06640	1.07232	1.05893	1.05684
July	19 2018	251.15103	1.06654	1.07247	1.05907	1.05698
July	20 2018	251.18465	1.06669	1.07261	1.05921	1.05712
July	21 2018	251.21826	1.06683	1.07275	1.05935	1.05727
July	22 2018	251.25187	1.06697	1.07290	1.05949	1.05741
July	23 2018	251.28548	1.06711	1.07304	1.05963	1.05755
July	24 2018	251.31910	1.06726	1.07318	1.05978	1.05769
July	25 2018	251.35271	1.06740	1.07333	1.05992	1.05783
July	26 2018	251.38632	1.06754	1.07347	1.06006	1.05797
July	27 2018	251.41994	1.06768	1.07362	1.06020	1.05811
July	28 2018	251.45355	1.06783	1.07376	1.06034	1.05826
July	29 2018	251.48716	1.06797	1.07390	1.06048	1.05840
July	30 2018	251.52077	1.06811	1.07405	1.06063	1.05854
July	31 2018	251.55439	1.06826	1.07419	1.06077	1.05868
CPI-U	(NSA) for:	March 2018	249.554	April 2018 250.546	May 2018 2	251.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:			1% 30-Year TIPS TIPS of February 2046 912810RR1 February 15, 2016 February 29, 2016 June 30, 2016 October 31, 2016 February 15, 2046 236,94448	0-1/8% 5-Year TIPS Series X-2021 912828Q60 April 15, 2016 April 29, 2016 August 31, 2016 December 30, 2016 April 15, 2021 237.00700	0-1/8% 10-Year TIPS Series D-2026 912828S50 July 15, 2016 July 29, 2016 September 30, 2016 November 30, 2016 July 15, 2026 239.70132	0-3/8% 10-Year TIP Series A-2027 912828V49 January 15, 2017 January 31, 2017 March 31, 2017 May 31, 2017 January 15, 2027 241.55919
Da	te	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2018	250.54600	1.05740	1.05712	1.04524	1.03720
July	2 2018	250.57961	1.05755	1.05712	1.04538	1.03720
July	3 2018	250.61323	1.05769	1.05741	1.04552	1.03748
July	4 2018	250.64684	1.05783	1.05755	1.04566	1.03762
July	5 2018	250.68045	1.05797	1.05769	1.04580	1.03776
July	6 2018	250.71406	1.05811	1.05783	1.04594	1.03790
July	7 2018	250.74768	1.05825	1.05798	1.04608	1.03804
July	8 2018	250.78129	1.05840	1.05812	1.04622	1.03818
July	9 2018	250.81490	1.05854	1.05826	1.04636	1.03832
July	10 2018	250.84852	1.05868	1.05840	1.04650	1.03846
July	11 2018	250.88213	1.05882	1.05854	1.04664	1.03859
July	12 2018	250.91574	1.05896	1.05868	1.04678	1.03873
July	13 2018	250.94935	1.05911	1.05883	1.04693	1.03887
July	14 2018	250.98297	1.05925	1.05897	1.04707	1.03901
July	15 2018	251.01658	1.05939	1.05911	1.04721	1.03915
July	16 2018	251.05019	1.05953	1.05925	1.04735	1.03929
July	17 2018	251.08381	1.05967	1.05939	1.04749	1.03943
July	18 2018	251.11742	1.05982	1.05954	1.04763	1.03957
July	19 2018	251.15103	1.05996	1.05968	1.04777	1.03971
July	20 2018	251.18465	1.06010	1.05982	1.04791	1.03985
July	21 2018	251.21826	1.06024	1.05996	1.04805	1.03999
July	22 2018	251.25187	1.06038	1.06010	1.04819	1.04013
July	23 2018	251.28548	1.06052	1.06024	1.04833	1.04026
July	24 2018	251.31910	1.06067	1.06039	1.04847	1.04040
July	25 2018	251.35271	1.06081	1.06053	1.04861	1.04054
July	26 2018	251.38632	1.06095	1.06067	1.04875	1.04068
July	27 2018	251.41994	1.06109	1.06081	1.04889	1.04082
July	28 2018	251.45355	1.06123	1.06095	1.04903	1.04096
July	29 2018	251.48716	1.06138	1.06110	1.04917	1.04110
July	30 2018	251.52077	1.06152	1.06124	1.04931	1.04124
July	31 2018	251.55439	1.06166	1.06138	1.04945	1.04138
CDLU	NSA) for:	March 2018	249.554	April 2018 250.546	May 2018 2	251.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):  Maturity Date: Ref CPI on Dated Date:				0-7/8% 30-Year TIPS TIPS of February 2047 912810RW0 February 15, 2017 February 28, 2017 June 30, 2017 October 31, 2017 February 15, 2047 241.39250	0-1/8% 5-Year TIPS Series X-2022 912828X39 April 15, 2017 April 28, 2017 August 31, 2017 December 29, 2017 April 15, 2022 243.19553	0-3/8% 10-Year TIPS Series D-2027 9128282L3 July 15, 2017 July 31, 2017 September 29, 2017 November 30, 2017 July 15, 2027 244.61839	0-1/2% 10-Year TIPS Series A-2028 9128283R9 January 15, 2018 January 31, 2018 March 29, 2018 May 31, 2018 January 15, 2028 246.66571
Da	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2018	250.54600	1.03792	1.03022	1.02423	1.01573
July	2	2018	250.57961	1.03806	1.03022	1.02437	1.01573
July	3	2018	250.61323	1.03820	1.03050	1.02451	1.01600
July	4	2018	250.64684	1.03834	1.03064	1.02464	1.01614
July	5	2018	250.68045	1.03848	1.03078	1.02478	1.01628
July	6	2018	250.71406	1.03862	1.03078	1.02492	1.01641
July	7	2018	250.74768	1.03876	1.03105	1.02506	1.01655
July	8	2018	250.78129	1.03870	1.03103	1.02519	1.01668
July	9	2018	250.78129	1.03903	1.03119	1.02533	1.01682
July	10	2018	250.84852	1.03903	1.03133	1.02547	1.01696
July July	10	2018	250.88213	1.03917	1.03147	1.02561	1.01709
July	12	2018	250.86213	1.03931	1.03101	1.02574	1.01709
July	13	2018	250.91374	1.03943	1.03174	1.02588	1.01723
•	13	2018	250.94933	1.03939	1.03188	1.02602	1.01750
July	15		251.01658	1.03973	1.03202	1.02616	1.01764
July	16	2018 2018	251.01658	1.03987	1.03216	1.02616	1.01764
July							
July	17	2018	251.08381	1.04015	1.03244	1.02643	1.01791
July	18	2018	251.11742	1.04029	1.03257	1.02657	1.01805
July	19	2018	251.15103	1.04043	1.03271	1.02671	1.01818
July	20	2018	251.18465	1.04057	1.03285	1.02684	1.01832
July	21	2018	251.21826	1.04070	1.03299	1.02698	1.01846
July	22	2018	251.25187	1.04084	1.03313	1.02712	1.01859
July	23	2018	251.28548	1.04098	1.03327	1.02726	1.01873
July	24	2018	251.31910	1.04112	1.03340	1.02739	1.01887
July	25	2018	251.35271	1.04126	1.03354	1.02753	1.01900
July	26	2018	251.38632	1.04140	1.03368	1.02767	1.01914
July	27	2018	251.41994	1.04154	1.03382	1.02780	1.01927
July	28	2018	251.45355	1.04168	1.03396	1.02794	1.01941
July	29	2018	251.48716	1.04182	1.03409	1.02808	1.01955
July	30	2018	251.52077	1.04196	1.03423	1.02822	1.01968
July	31	2018	251.55439	1.04210	1.03437	1.02835	1.01982
CDLU	(NSA) for:		March 2018	249,554	April 2018 250.546	May 2018 2	51.588

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				1% 30-Year TIPS TIPS of February 2048 912810SB5 February 15, 2018 February 28, 2018 February 15, 2048 246.59650	0-5/8% 5-Year TIPS Series X-2023 9128284H0 April 15, 2018 April 30, 2018 April 15, 2023 248.39153		
Da	ite		Ref CPI	Index Ratio	Index Ratio		
July	1	2018	250.54600	1.01602	1.00867		
July	2	2018	250.57961	1.01615	1.00881		
July	3	2018	250.61323	1.01629	1.00894		
July	4	2018	250.64684	1.01642	1.00908		
July	5	2018	250.68045	1.01656	1.00921		
July	6	2018	250.71406	1.01670	1.00935		
July	7	2018	250.74768	1.01683	1.00949		
July	8	2018	250.78129	1.01697	1.00962		
July	9	2018	250.81490	1.01711	1.00976		
July	10	2018	250.84852	1.01724	1.00989		
July	11	2018	250.88213	1.01738	1.01003		
July	12	2018	250.91574	1.01752	1.01016		
July	13	2018	250.94935	1.01765	1.01030		
July	14	2018	250.98297	1.01779	1.01043		
July	15	2018	251.01658	1.01792	1.01057		
July	16	2018	251.05019	1.01806	1.01070		
July	17	2018	251.08381	1.01820	1.01084		
July	18	2018	251.11742	1.01833	1.01097		
July	19	2018	251.15103	1.01847	1.01111		
July	20	2018	251.18465	1.01861	1.01124		
July	21	2018	251.21826	1.01874	1.01138		
July	22	2018	251.25187	1.01888	1.01152		
July	23	2018	251.28548	1.01901	1.01165		
July	24	2018	251.31910	1.01915	1.01179		
July	25	2018	251.35271	1.01929	1.01192		
July	26	2018	251.38632	1.01942	1.01206		
July	27	2018	251.41994	1.01956	1.01219		
July	28	2018	251.45355	1.01970	1.01233		
July	29	2018	251.48716	1.01983	1.01246		
July	30	2018	251.52077	1.01997	1.01260		
July	31	2018	251.55439	1.02011	1.01273		
CPI-U (	NSA) for:		March 2018	249.554	April 2018 250.546	May 2018	251.588